BRUHAT BANGALORE MAHANAGARA PALIKE

Name of work: Providing children play equipments and senior citizen gym equipments and landscape developments to parks in Ward No.07 Byatarayanapura of Yelahanka Zone

Agency:-Sri Satish Gowda

SCHEDULE-B

Sl No	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
1	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness complete as per specifications. I. By Manual Means: A. In area of light jungle and as per the direction of engineer in charge of work	Hectare	0.58	58067.06	Rupees Fifty Eight Thousand Sixty Seven And Paise Six Only
2	Excavation for road way in all types of soil by mechanical means including cutting and pushing the earth to site of embankment including trimming bottom and side slopes in accordance with requirements of lines, grades and cross sections complete as per specifications and as per the direction of engineer in charge of work	Cum	1710.75	208.38	Rupees Two Hundred Eight And Paise Thirty Eight Only
3	Excavation 1.5m and above in width in hard rock by chiselling and / or wedging, where blasting is prohibited for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5 m. in depth stacking the excavated stuff clear from the edge of excavation with lead upto 50m including cost of labour complete as per specifications and as per the direction of engineer in charge of work	Cum	47	1504.01	Rupees One Thousand Five Hundred Four And Paise One Only
4	M300-Construction of Embankment with Material Gravel/Murrum M300-53. Construction of embankment with approved material Gravel /Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density and as per the direction of engineer in charge of work	Cum	1577.75	358.78	Rupees Three Hundred Fifty Eight And Paise Seventy Eight Only
5	Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specificationsand as per the direction of engineer in charge of work	Cum	306	1981.58	Rupees One Thousand Nine Hundred Eighty One And Paise Fifty Eight Only
6	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and as per the direction of engineer in charge of work	Cum	106.23	5782.0	Rupees Five Thousand Seven Hundred Eighty Two Only

A. Satish Gowda
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		Unit	App Qty	Rate in Figures	Rate in Words
7	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specificationsand as per the direction of engineer in charge of work	Sqm	632.5	1083.46	Rupees One Thousand Eighty Three And Paise Forty Six Only
8	: Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1 : 6 stone hammerd dressed in courses not less than 20 ems high, bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	187.23	4974.16	Rupees Four Thousand Nine Hundred Seventy Four And Paise Sixteen Only
9	Providing and laying in position plain cement concrete of mix 1:2:4 with cement@ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	36.87	6463.91	Rupees Six Thousand Four Hundred Sixty Three And Paise Ninety One Only
10	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification and as per the direction of engineer in charge of work	Sqm	347.25	1288.98	Rupees One Thousand Two Hundred Eighty Eight And Paise Ninety Eight Only
11	Back filling behind abutment, wing wall and return wall complete as per drawing and Technical Specification complete as per specifications. A. Granular material MORTH and as per the direction of engineer in charge of work	Cum	42.36	622.51	Rupees Six Hundred Twenty Two And Paise Fifty One Only
12	Providing chain link fencing 50mm size of 8 guage properly stretched between existing rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint and as per the direction of engineer in charge of work	Sqm	741.3	782.89	Rupees Seven Hundred Eighty Two And Paise Eighty Nine Only
13	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1 :2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 ems. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead lifts and as per the directions of the Engineer-in - charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) and as per the direction of engineer in charge of work	m	451.35	972.97	Rupees Nine Hundred Seventy Two And Paise Ninety Seven Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
14	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the existing two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint and as per the direction of engineer in charge of work	m	1059	384.91	Rupees Three Hundred Eighty Four And Paise Ninety One Only
15	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful	Sqm	9.6	13722.53	Rupees Thirteen Thousand Seven Hundred Twenty Two And Paise Fifty Three Only
16	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications	Sqm	3.6	1113.16	Rupees One Thousand One Hundred Thirteen And Paise Sixteen Only
17	Providing 18mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per the direction of engineer in charge of work	Sqm	7.2	289.87	Rupees Two Hundred Eighty Nine And Paise Eighty Seven Only
18	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete and as per the direction of engineer in charge of work	Nos	1382	371.84	Rupees Three Hundred Seventy One And Paise Eighty Four Only
19	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications and as per the direction of engineer in charge of work	Sqm	227.7	71.28	Rupees Seventy One And Paise Twenty Eight Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
20	Supply and Fixing of Pull Down Challenger. Metal: All tubular steel of 2 .5mm thickness are galvanized and zinc dipped. Joints are Robotic welded. All weld d joints are scalloped as necessary and welded to an approved MIG process.All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at II the welding points prior to finishing . All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. Allmetal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for th e handles. Bearings:Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified internat ional certifying agency such as IPEMA,TUV,CPSC, or SGS only.The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All	Unit	1	264000.0	Rupees Two Lakh(s) Sixty Four Thousand Only
21	Supply and fixing of Seated Chest Press. Metal: All tubular steel of 2.Smm thikness are galvanized and z inc dipped. Joints are Robotic welded. All welded joints t1H • scalloped as necessary and welded to an approved MIG process. All welds an• 111 csed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the w 11lt1ing points prior to finishing. All metal parts are powder coated using AKZO Nobel (11 ca t Wall powder to the thickness of 80-120 microns. All metal parts are tested in rn 1r a lt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handle,,Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely Part assembled equipment modules. Maintenance: Maintain according to EN 166630 and the maintenance guide. Safety: All products must be tested and certified to mt•(•lEN16630 safety standards with GS test mark. The EN 16630,certificates must be issued by a reputed notified international certifying agency such as IPEMA, 1UV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd	Unit	1	253000.0	Rupees Two Lakh(s) Fifty Three Thousand Only
22	Supply and fixing of Self Weighted Rower. Metal: All tubular steel of 2.Smm thit.kness are galvaniied and zinc dipped. Joints are Robotic welded. All welded joiflts arc • scalloped as necessary and welded to an approved MIG process. All welds arc dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our sa lt S'PI,ray machine.that uses a 5% NaCl solution in accordance to IS07227 to speed up3 corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintain according to EN 16630 and the maintenance guide. Safety:All products must be tested and certified to meet EN16630 safety standards only by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS. The GS Mork• EN16630 Certificates must be in the name of tendering party and not any 3rd	Unit	1	181500.0	Rupees One Lakh(s) Eighty One Thousand Five Hundred Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
23	Supply and fixing of Elliptical Cross Trainer. Metal: All tabular steel of 2.Smm thickness are galvanized and zinc dipped. Joints are RClbotic welded. All welded points are scalloped as necessary and welded to an approved MIG process. All welds .i re dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at .ill the welding points prior to finishing. Alt metal parts are PCl\vder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are testecJ in our salt spray machine that uses a 5% NaCl solution iri ilccordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality €rip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely.pre-assembled equipment modules. Maintenance: Maintain according to EN 1G630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards w ith GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency uch as IPEMA,TUV ,CPSC, or SGS only .The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. The certificates must be	Unit	1	154000.0	Rupees One Lakh(s) Fifty Four Thousand Only
24	Supply and Fixing of Rider. Metal: All tubular steel of 2.smm thickness are galvd 1 ilzed and zinc dipped . Joints are Robotic welded. All weldect joints are scalloped as necessary and welded to an approved MIG proi;ess. 11 welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing.All metal parts are powder Clated using AKZO Nobel-G reat Wall powder to the thickness of 80-120 microns. All Il\etal parts are tested in our sa lt spray machine that uses a 5% NaCl solution in accorcince to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubher is used for the handles. 5 Bearings : Maintenance-free ball bearings...Scope of dlivery: 1completely pre-assembled equipment modules. Maintenance: Maint 1in according to EN 16630 a nd the maintenance guide. Safety: Alf products must b tested and certified to meet EN16630 safety standards with GS test mark. The El!16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV ,CPSC, or SGS only. The GS Mark-EN16630 Certificate must be in the name of tendering party and not any 3rd party. All products 'hust clearly display	Unit	1	99000.0	Rupees Ninety Nine Thousand Only

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No	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
25	Supply and Fixing of Bicycle. Metal: All tubular steel of 25mm thickness are galvani zed and zinc dipped. Joints are Robotic welded. All welded joint s are S('.llloped as necessary and w eldea to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the weltling points prior to finishing.All metal parts are powder coated using AKZO Nobel GreatWall powder to the thickness of 80- 120 microns. All metal parts are tested in our salt v pray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up -orrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. each 1 125000 125000 131188 131188 134500 134500 Bearings: Maintenance-free ball bearings . Scope of delivery: 1completely pre assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to mee t EN16630 safety standards only by a reputed notified international certifying acency such as IPEMA,TUV,CPSC, or SGS. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. Size (L x W x H): 1000 x 498 x 120 mm.	Unit	1	137500.0	Rupees One Lakh(s) Thirty Seven Thousand Five Hundred Only
26	Supply and Fixing of Arm & Pedal Bike. Metal: All tubular steel of 2.Smm thickness a re galvanized and zinc dipped.Joints are Robotic welded.All welded joints are sca lloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles.Bearings : Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide.Safety : All products must be tested anEl certified to meet EN16630 safety standards only by a reputed notified international certifying agencv such as IPEMA,TUV, CPSC, or SGS. The GS Mark- EN16630 Certificates must be in t he name of tendering party and not any 3rd party.Size(L x W x H)830 x 500 x 1450 mm. Weight: 32 Kg Safety Area: 3830 x 2900 mm	Unit	1	187000.0	Rupees One Lakh(s) Eighty Seven Thousand Only

H.V. 23/5/18

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No	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
27	Supply and Fixing of Tai Chi Spinners . Metal: All tubular steel of 2.Smm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are sc;illoped as necessa ry and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the w eldin points prior to finishing. All metal parts are powder coated using AKZO Nobel G reat Wall powder to the thickness of 80- 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to JS07227 to speeu up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance -free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintena nce:Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUY, CPSC, or SGS only. The GS Mark-EN16630 Certificates must be in the name of tendering party and not	Unit	1	126500.0	Rupees One Lakh(s) Twenty Six Thousand Five Hundred Only
28	Supply and fixing of Twist Stepper. Metal: All tubular steel of 2.Smrn thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are sca lloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-GreatWall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV ,CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display	Unit	1	198000.0	Rupees One Lakh(s) Ninety Eight Thousand Only

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No	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
29	Supply and fixing of Big Shoulder Wheel. Metal: All tubular steel of 2.Smni I111ckness are galvanized and zinc dipped. Joints are Robotic welded. All welded joint ure scalloped as necessary and welded to an approved MIG process. All welds arc' dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the w elding points prior to finishing. All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80- 120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles.CV-10 Bearings: Maintenance-free ball bearings. Scope of delivery:1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to rneet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display	Unit	1	132000.0	Rupees One Lakh(s) Thirty Two Thousand Only
30	Supply and fixing of HD Health Walker. Metal: All tubular steel of 2.Smm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joint s arescalloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a S% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Colour RAL 5019 Blue and RAL 1014 Beige Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bea rings.11 Scope of delivery: 1completely pre-assembled equipment modules. Maintenance: Maintain according to EQ and the maintenance guide.Safety: All productsmust be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS oniy. The GS Mark-EN16630 Certificates must be in the name of tendering party and not	Unit	1	154000.0	Rupees One Lakh(s) Fifty Four Thousand Only

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Sl No	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
31	Supply and fixing of HD Squat Pushing. Metal:All tub.ular steel of 2.Smm1hicknos are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are sca lloped as necessary: and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing . All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our sa lt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles 13 Bearings: Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules.Maintenance: Maintain according to EN 16630 andthe maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV, CPSC, or SGS only .The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd	Unit	1	236500.0	Rupees Two Lakh(s) Thirty Six Thousand Five Hundred Only
32	Supply and fixing of HD Waist Twister. Metal : All tubular steel of 2.Smm thic k11ess are ga:vanized and zinc dipped. Joints are Robotic welded. All welded joints are scJlloped as necessary and welded to an approved MIG process. All welds are dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing. All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns.Al l metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to IS07227 to speed up rrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. arings : Maintenance-free ball bearings.Scope of delivery: 1completely pre-assembled equipment modules. Maintenance : Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA,TUV, CPSC, or SGS only. The GS Mark-EN16630 Certificates must be in the name of tendering party and not any 3rd party. All products must clearly display the GS mark as has	Unit	1	143000.0	Rupees One Lakh(s) Forty Three Thousand Only

H.V. 23/3/16

A. Satish Gowda
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Executive Engineer
Project Division
Yelahanka zone

No	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
33	Supply and Fixing of HD.Mini Ski. Metal:All tubular steel of 2 .Smm thickness are galvanized and zinc dipped. Joints are Robotic welded. All welded joints are scalloped as necessary and welded to an approved MIG process. All welds are dressed offremoving all sha rp edges and burrs. Zinc Primer Paint is applied at all the welding points prior to finishing.All metal parts are powder coated using AKZO Nobel-Great Wall powder to the thickness of 80-120 microns. All metal parts are tested in our salt spray machine that uses a 5% NaCl solution in accordance to 1507227 to speed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the handles. Bearings: Maintenance-free ball bearings. Scope of delivery: 1completely pre-assembled equipment modules. Maintenan(;:e :Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meetEN16630 safety standards with GS test mark.The EN 16630 certificates must be issued by a reputed notified international certifying agency such as IPEMA, TUV,CPSC, or SGS only.The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products must clearly display	Unit	1	176000.0	Rupees One Lakh(s) Seventy Six Thousand Only
34	Supply and fixing of HD Double Health Walker. Metal: All tubular steel of 2.50mm thickness are galvanized and zinc dipped. Joints are Robotic welded . All welded joints are scalloped as necessary and welded to an approved MIG process. All welds a re dressed off removing all sharp edges and burrs. Zinc Primer Paint is applied ut all the welding points prior to finishing. All metal parts are powder coated using AK ZO Nobel Great Wall powder to the thickness of 80-120 microns. All metal parts are test ed in our salt spray machine that uses a 5% NaCl solution in accordance to 1507227 to peed up corrosion for 3000 hrs. Rubber: High quality grip rubber is used for the tlandles. Bearings: Maintenance-free ball bearings.Scope of delivery : 1completely pre-assembled equipment modules. Maintenance: Maintain according to EN 16630 and the maintenance guide. Safety: All products must be tested and certified to meet EN16630 safety standards with GS test mark. The EN 16630 certificates must besuch as IPEMA, TUV,issued by a reputed notified international certifying agency CPSC, or SGS only. The GS Mark- EN16630 Certificates must be in the name of tendering party and not any 3rd party.All products	Unit	1	264000.0	Rupees Two Lakh(s) Sixty Four Thousand Only
35	Providing and fixing granite benches as per design, specification and fixing as per the directions of the engineer in chargeand as per the direction of engineer in charge of work	Unit	15	11605.0	Rupees Eleven Thousand Six Hundred Five Only

H.V. 23/1/18

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No	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
36	MANUFACTURING:-PROVIDING AND FIXING A GAZEBO of Size 22 feet dia approximate) made of MS Round pipe of 6 inches diameter of 12 SWG for pillars 10feet in height,in which 8ft will be above the ground level and 2 feet embedded in cement concrete and provided with MS plate on top of the pillars.MS I section 100x50mm of heavy gauge for Rafters)is placed between the poles on top of the flush plate.Also MS rectangular tubes of 100x40mm are to be mounted vertically on all 8pillars.MS rectangular tubes of 40x20mm reepers are welded horizontally in between the rectangle tubes for a distance of 1 feet approximately so as to get the desired octangol Shape for fixing approved qualoity Corrugated Managlore tiles on the roof 2 layers as per the design. Flat design tiles and rigid tiles are to be provided on Existing reepers and pointed with cement mortar.The Gazebo is to be fixed ob asuitable platform the central height being 15 to 16 feet and including allround bed Concrete 1:4:8 and tampered with fine red earth with cement slurry.the works includes earthwork excavation concreteing,masonry work and cost of all materials labour equipments machinery with all lead and lift loading and unloading etc complete	Unit	2	426717.5	Rupees Four Lakh(s) Twenty Si Thousand Seven Hundred Seventeen And Paise Fifty Only
37	Sinking Borewell of 165mm dia clear, using fast rig in all strata including over-burden upto 20mts. Fixing of casing Pipes, collars and cap with necessary cutting and threading including, transportation of Rig and supporting vehicle, crew charge and cost of consumbles, etc, complete including yield testing at the final depth with a minimum woring of compressor for one hour. (excluding cost of casing pipes, collars and cap, etc.) and as per the direction of engineer in charge of work a) 0.00 to50.00 Mtr	Rmtr	50	336.6	Rupees Three Hundred Thirty Six And Paise Sixty Only
38	b) 50.00 to 100.00 Mtr	Rmtr	50	440.0	Rupees Four Hundred Forty Only
39	c) 100.00 to 150.00 Mtr	Rmtr	50	489.5	Rupees Four Hundred Eighty Nine And Paise Fifty Only
40	d) 150.00 to 200.00 Mtr	Rmtr	50	517.0	Rupees Five Hundred Seventeen Only
41	e) 200.00 to 250.00 Mtr	Rmtr	50	598.4	Rupees Five Hundred Ninety Eight And Paise Forty Only
42	f) 250.00 to 300.00 Mtr	Rmtr	50	641.3	Rupees Six Hundred Forty One And Paise Thirty Only
43	g) 300.00 to 350.00 Mtr	Rmtr	35	684.2	Rupees Six Hundred Eighty Four And Paise Twenty Only

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No	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
44	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty and as per the direction of engineer in charge of work up to 20m and as per the direction of engineer in charge of work	Rmtr	7	1457.5	Rupees One Thousand Four Hundred Fifty Seven And Paise Fifty Only
45	a) Above 20mtrs and upto 30mtrs.@15%	Rmtr	7	50.49	Rupees Fifty And Paise Forty Nine Only
46	b) Above 30mtrs@30%	Rmtr	14	100.98	Rupees One Hundred And Paise Ninety Eight Only
47	175mm M.S. B-Class Casing Collar	Nos	5	165.0	Rupees One Hundred Sixty Five Only
48	175mm dia Casing Cap	Nos	1	110.0	Rupees One Hundred Ten Only
49	Supply and delivery at site brand new submesible PUMPSET suitable for bore well of 150 mm dia and having declared duty conditions as detailed below and satisfying performances characteristics for pump and motor as declared by bureau of Indian standards. The pump should confirm to IS:8034-1970 (with all its latest amendments) and should bear the ISI mark 12.5 HP 20 stage (CRI Pumps) and as per the direction of engineer in charge of work and as per the direction of engineer in charge of work	Set	1	77660.0	Rupees Seventy Seven Thousand Six Hundred Sixty Only
50	Supply and Delivery of Galvanized Mild steel Heavy Class (C-Class) conforming to IS 1239-1979 PART-I/1979 with lastest amendments with ISI mark (one end fitted with ISI mark heavy duty collar and other end fitted with Protective cover) 50 mm dia and as per the direction of engineer in charge of work	Mtr	250	412.5	Rupees Four Hundred Twelve And Paise Fifty Only
51	Submersible Cable: Supply and Delivery of brand new best make PVC insulated cable of flat 3core (sheathed) of nominal cross sectional area containing to IS 894-1997 with latest amendments (as per SPD) 4 Square mm and as per the direction of engineer in charge of work	Mtr	450	89.1	Rupees Eighty Nine And Paise Ten Only
52	50 mm dia GI Collar Heavy duty and as per the direction of engineer in charge of work	Mtr	30	143.0	Rupees One Hundred Forty Three Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
53	Meter and Panel Board: Supply and Delivery of Meter and Panel Board: Meter Board unit one number of MS Box of size 300x120 mm size fabricated out of 2mm thick sheet metal with sealable door arrangement for munting the CTS (if any) cutouts 3phase dia 4 wire energy meter and cable box complete. A transparent glass piece should be provided where the energy meter reading could be read. Panel Board: One number of cubicle type of control panel board to operate on 50c/400/400v Upto 10 to 20 HP	Nos	1	12100.0	Rupees Twelve Thousand One Hundred Only
54	50mm dia G.I.N.R. Valve	Nos	1	941.6	Rupees Nine Hundred Forty One And Paise Sixty Only
55	Erection & Commissioning of work of pumpset including aligning and balancing with all necessary erection of materials and labour including supply and erection of two pair of supporting clamps, one borewell cap, cable clips and water tight gland cable protectors, bolts nuts valves and gauges etc, all job including fixing sluice valve, non return valve etc, and connecting delivery side of pumpset to rising main etc, complete and as per the direction of engineer in charge of work	Nos	1	935.0	Rupees Nine Hundred Thirty Five Only
56	Power Capacitor: Supply and Delivery of brand new best make capacitor conforming to IS:2834-1986 with latest amendments with ISI mark of required capacity tested and approved by KPTCL anthorities and erection, electrification and commissioning of the same at the location of the respective pumpsets. Supply & Delivery of best indigenous brand new MCB (Miniature Circutit Breaker) of required capacity as per IS:8828-1978 and its latest amendment with ISI mark 6/10/20/25/40 amps with sealble box with MCB 3 KVAR	Mtr	1	506.0	Rupees Five Hundred Six Only
57	Supplyin mmdia 2mm 2.5mm thick heavy gauge PVC conduit pipe with suitable size bends, metal/PVC junction boxes adhesive pase etc., and running before cocreting the slab. The conduit should be tiled to the reinforcement rods by using binding wires and unused ways of junction boxes and plpe ends should be covered using PVC end enclosuers. Run with 18SWGGI fish wire wherever necessary and as per the direction of engineer in charge of work	Nos	10	48.71	Rupees Forty Eight And Paise Seventy One Only
58	Supplying of TPST with rewirable porcelain channels in SM enclosure. and as per the direction of engineer in charge of work	Nos	1	1615.68	Rupees One Thousand Six Hundred Fifteen And Paise Sixty Eight Only
59	Supplying and fixing polished wood board made of not less than 15 mm thick plan on both sides with planks made out of more than two pieces and fixing the same to the wall using wooden plugs, screws etc.and as per the direction of engineer in charge of work	Nos	2	338.58	Rupees Three Hundred Thirty Eight And Paise Fifty Eight Only

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	Description of work	Approved Rates of Sri Satish Gowda			
		Unit	App Qty	Rate in Figures	Rate in Words
60	Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multistrand 2x1.5 Sqmm copper wire with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/gang box. The other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet and as per the direction of engineer in charge of work (a) Short Point upto 3Mtr form tapping point to outet via switch	Mtr	1	207.9	Rupees Two Hundred Seven And Paise Ninety Only
61	Long Point above 6 Mtr. Upto 10 Mtr. From tapping point to out let via switch	Mtr	1	437.18	Rupees Four Hundred Thirty Seven And Paise Eighteen Only
62	Supplying 6 A flush/projected type socket and a 6Amps flush/projected type SP switch either surface/flush mounting in a existing gang box or a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required and as per the direction of engineer in charge of work	Nos	1	125.93	Rupees One Hundred Twenty Five And Paise Ninety Three Only
63	Wiring for lighting /power circuit using one of PVC insulated 1100V grade multis and Copper conductor single core cable in open or consealed system of wiring and as per the direction of engineer in charge of work	Mtr	25	24.92	Rupees Twenty Four And Paise Ninety Two Only
64	Supplying and fixing PBBC backelite straight or slant batten holder &wiring 60w/230 Volts lamps and as per the direction of engineer in charge of work	Mtr	3	66.53	Rupees Sixty Six And Paise Fifty Three Only
65	Supplying and fixing of LED type panel borad indicating lamp with required colour suitable for 220 v A.C. 50 Hz 12/24v D.C and as per the direction of engineer in charge of work	Nos	3	510.84	Rupees Five Hundred Ten And Paise Eighty Four Only
66	Lobour charges for laying of 1.1KV class UG cable when supplied departmentally/ agency in existing trench GI pipe/stoneware pipe/on wall/on pole as required and as per the direction of engineer in charge of work	Mtr	12	178.2	Rupees One Hundred Seventy Eight And Paise Twenty Only
67	Digging of trench of 0.6mtrs deepx0.5 mtrs wide refilling the required gorund level and consolidating etc., complete and as per the direction of engineer in charge of work	Mtr	12	9.5	Rupees Nine And Paise Fifty Only
68	Supplying and fixing of class 'A' GI pipe on pole /wall/drain crossing with necessary clamping arrangement for UG cable of 1.1KV class and as per the direction of engineer in charge of work	Mtr	8	47.52	Rupees Forty Seven And Paise Fifty Two Only
69	Supplying and fixing of heay duty cable glands suitable for UG cable of 1.1KV class metal only and as per the direction of engineer in charge of work	Mtr	6	285.12	Rupees Two Hundred Eighty Five And Paise Twelve Only
70	Supplying and fixing miniature circuit breakers on existing MCB disitribution boards using necessary fixing materials and wiring complete as required and as per the direction of engineer in charge of work	Nos	1	78.41	Rupees Seventy Eight And Paise Forty One Only

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		Unit	App Qty	Rate in Figures	Rate in Words
71	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., completea) 32Amps and as per the direction of engineer in charge of work	Nos	1	1193.94	Rupees One Thousand One Hundred Ninety Three And Paise Ninety Four Only
72	Supplying and fixing L.T. cast lorn pot heads suitable for 1.1. KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc. a) 16Sqmm	Nos	5	118.8	Rupees One Hundred Eighteen And Paise Eighty Only
73	Supplying, fixing, wiring, earth electrode for gounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checkunts etc., the pipe shall have 16 through holes of 122mm dia	Nos	1	308.66	Rupees Three Hundred Eight And Paise Sixty Six Only
74	Supplying decorative horizontal type street light fluorescent fitting weather and water proof complete with low loss open construction copper wound ferromagnetic ballast,starter,locking type brass contact holders with 1 No. of 4 feet 40 watts fluorescent tube completely wired for use on 230/250 volts. 50cycles AC supply with opal reeded Perspex cover at bottom complete fitting and as per the direction of engineer in charge of work	Nos	1	2317.26	Rupees Two Thousand Three Hundred Seventeen And Paise Twenty Six Only
75	Supplying & fixing mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluroscent tube street light fitting of all capacities of GI or CI or rail or RCC pole / wall using suitable clamps. bolts. and nuts and wiring using suitable capacity wires complete and as per the direction of engineer in charge of work	Nos	1	1698.84	Rupees One Thousand Six Hundred Ninety Eight And Paise Eighty Four Only
76	Providing and installing at site work P.V.C. Pipes including cost of pipes and specials and labour,including lowering into trenches,laying true to line,level and perfect linking at joints lead proof including jointing of approved type with all labour and lift charge, handling charges with all leads,including encasing the pipe around to a depth not less than 15cms with gravel or selected earth available from the excavation etc.,complete[P.No.15 - I.No.3.4.2.a& b PRED SR 2016-17]a) 63 mm dia PVC pipes 6kg/cm.square=104*6%=110.24 and as per the direction of engineer in charge of work	Nos	1	724.68	Rupees Seven Hundred Twenty Four And Paise Sixty Eight Only
77	Providing and installing at site work P.V.C. Pipes including cost of pipes and specials and labour,including lowering into trenches,laying true to line,level and perfect linking at joints lead proof including jointing of approved type with all labour and lift charge, handling charges with all leads,including encasing the pipe around to a depth not less than 15cms with gravel or selected earth available from the excavation etc.,complete[P.No.15 - I.No.3.4.2.a& b PRED SR 2016-17]a) 63 mm dia PVC pipes 6kg/cm.square=104*6%=110.24 and as per the direction of engineer in charge of work	Mtr	250	121.26	Rupees One Hundred Twenty One And Paise Twenty Six Only

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